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DATE MAILED: 11/03/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,414	07/02/2003	Yoshio Kurosawa	1324.68134	3620
7590 11/03/2005			EXAMINER	
Patrick G. Bur			ERDEM, FAZLI	
GREER, BURNS & CRAIN, LTD. 300 South Wacker Dr., Suite 2500			ART UNIT	PAPER NUMBER
Chicago, IL 60606			2826	

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicanting Application No. Applicanting Application Applicanting A				AY	(
Examiner	· ·		Application No.	Applicant(s)				
Fazil Erdem 2826			10/612,414	KUROSAWA ET AL.				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(s) FROM THE MAILING DATE OF THIS COMMUNICATION. Estancian of time may be available under the provisions of 3 CFR 1.136(a). In or event, however, may a reply be timely filed she of SIX (9) MONTH'S from the mailing date of the communication, reply within the statutory minimum of thity, (30) days will be considered timely, and the communication of		Office Action Summary	Examiner	Art Unit				
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DETAILED ACTION

Response to Arguments

1. Applicant's arguments, filed on 10/12/2005, with respect to claims 5 and 6 have been fully considered and are persuasive. The final rejection issued on 7/12/2005 has been withdrawn. However, after further search and consideration the following non-final rejection has been issued.

Allowable Subject Matter

1. Claims 7 and 8 allowed.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 5 and 6 rejected under 35 U.S.C. 103(a) as being unpatentable over Yamazaki et al. (6,603,453) in view of further in view of Yamazaki et al. (2001/0052950) further in view of Satou et al. (6,864,134)

Regarding Claims 5 and 6, Yamazaki et al. ('453) disclose a semiconductor device and method for manufacturing the same where in Fig. 1, a P channel TFT and an N channel TFT are disclosed on a substrate 801. Furthermore, P channel TFT has a fires gate insulation film 805, a second gate insulating film 808, gate electrode 813 on the second gate insulation film. N channel TFT also has a first gate insulation film and a gate

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electrode 814 disposed on the second gate insulation film 809. Yamazaki et al. fail to disclose the required gate insulating layer over semiconductor layer, the required lightly doped regions and the required gate electrode between gate insulating layers. However, Yamazaki et al. ('950) disclose s semiconductor display device and manufacturing method thereof where in claims 1, 2, 3, 16 and 19 the required gate insulating layer over semiconductor layer and the required lightly doped regions are disclosed. Furthermore, Satou et al. disclose a manufacturing method of thin film transistor substrate where in Figs. 2B and 2C the required gate electrode between gate insulating layers is disclosed.

It would have been obvious to one of having ordinary skill in the art at the time the invention was made to include the required insulating layer over semiconductor layer with lightly doped regions and the required gate electrode between gate insulating films in Yamazaki et al. as taught by Yamazaki et al. ('950) et al. and Satou et al., respectively, in order to have a liquid crystal panel display device with increased performance.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fazli Erdem whose telephone number is (571) 272-1914. The examiner can normally be reached on M - F 8:00 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FE

October 29, 2005